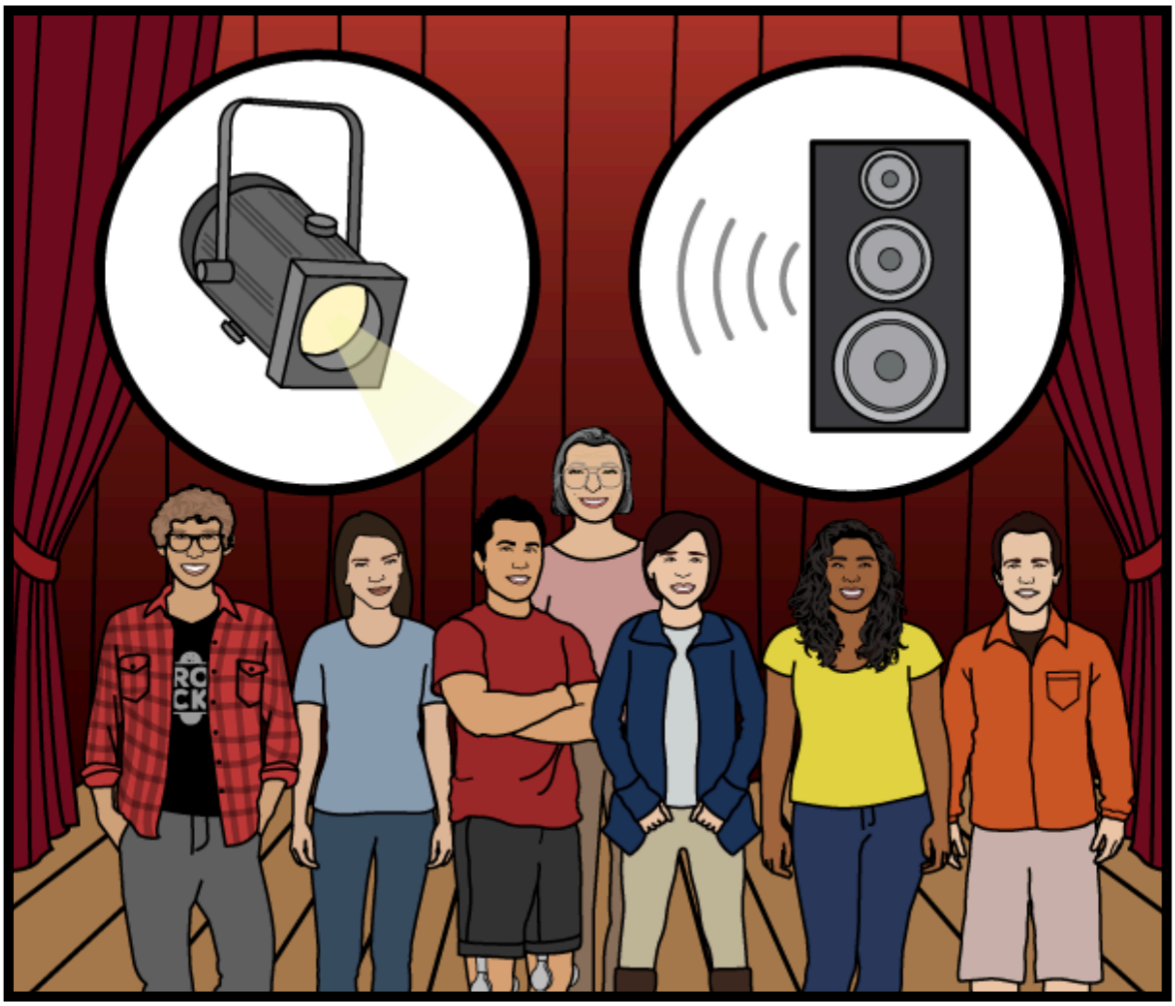
Sound, Lights and the Theater



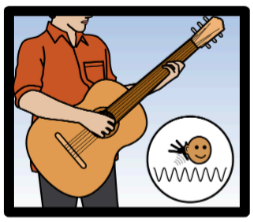
by Molly Tittle

Illustrated by Alex Wisehart

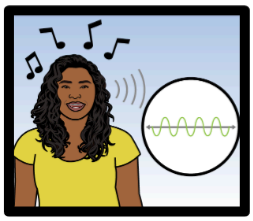
Bind This End

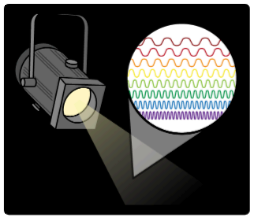
Copyright © 2026 n2y, LLC. All rights reserved.
Unique Learning System®, 2022-2023

Table of Contents

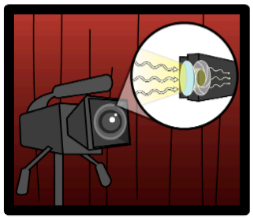

Chapter 1: The Sound Waves of Music.....pg 1

Chapter 2: Turning Up the Volume.....pg 10


Chapter 3: Finding the Right Pitch.....pg 18

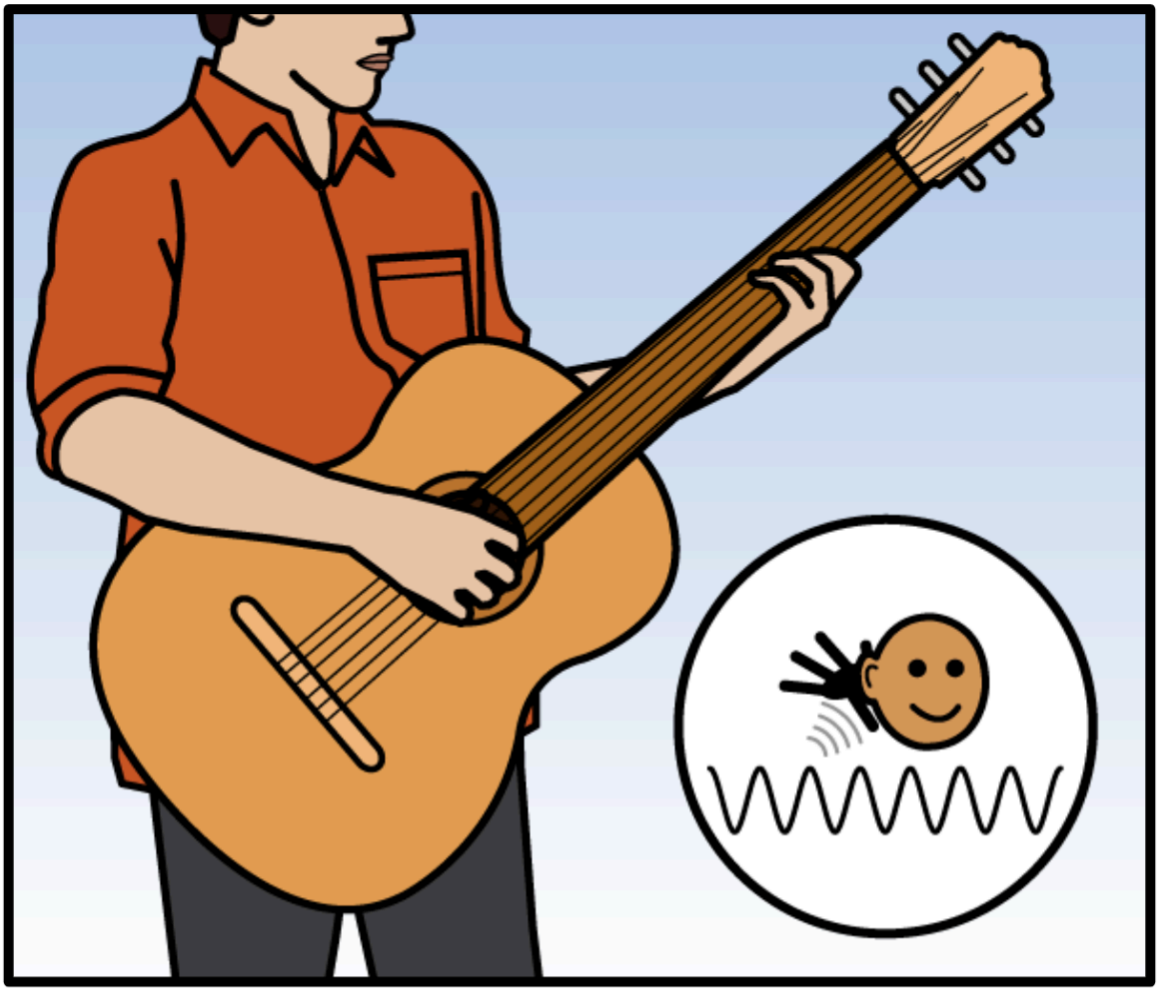

Chapter 4: Light Check.....pg 27

Chapter 5: Lights Up!.....pg 36


Chapter 6: Waves in the Theater.....pg 46

Copyright © 2026 n2y, LLC. All rights reserved.
Unique Learning System®, 2022-2023

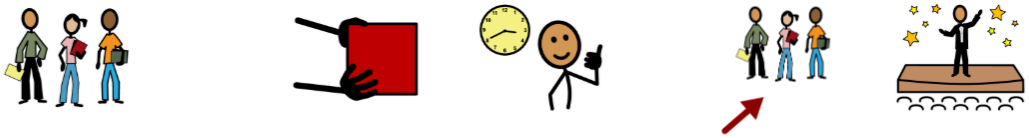
Chapter 1: The Sound Waves of Music



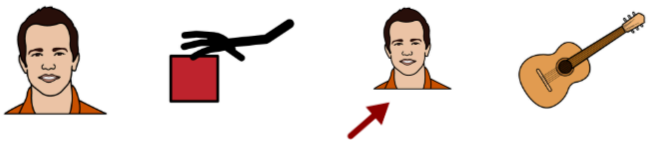
Bind This End

Copyright © 2026 n2y, LLC. All rights reserved.
Unique Learning System®, 2022-2023

The students are getting ready for their play.

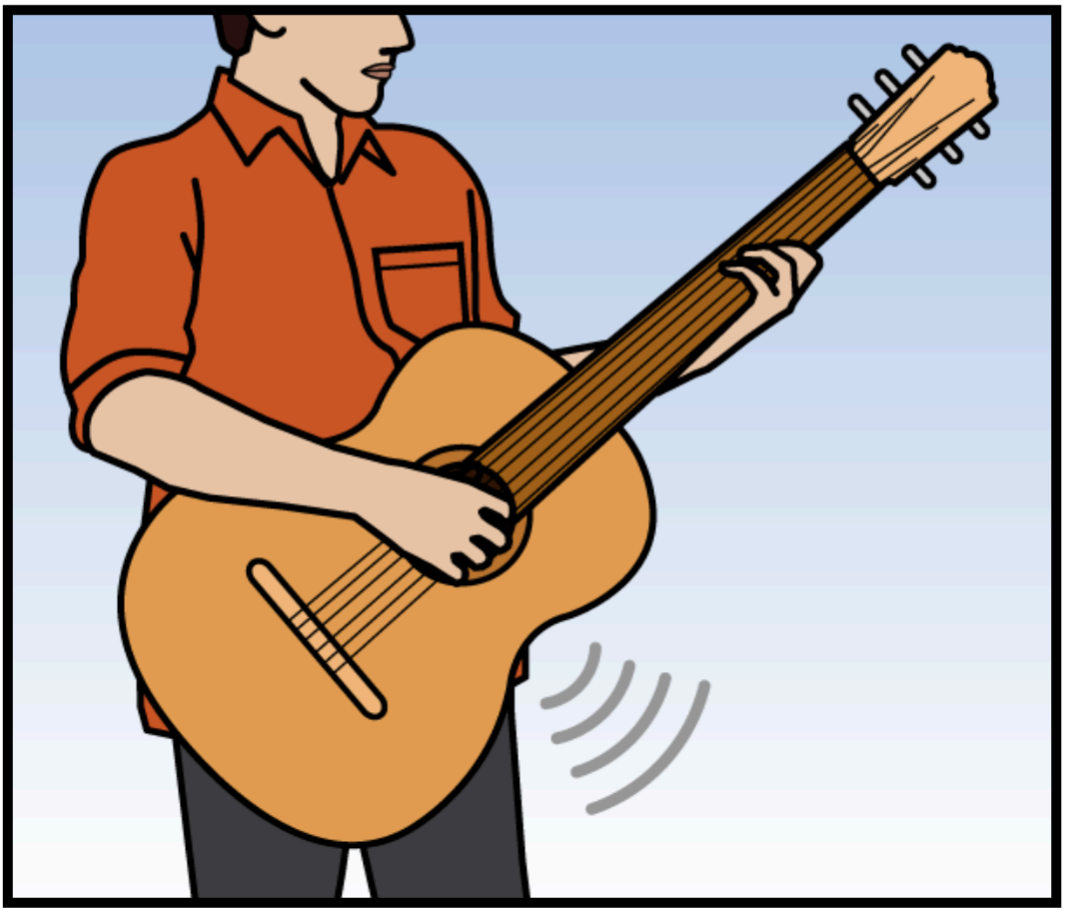


Rhett grabs his guitar.

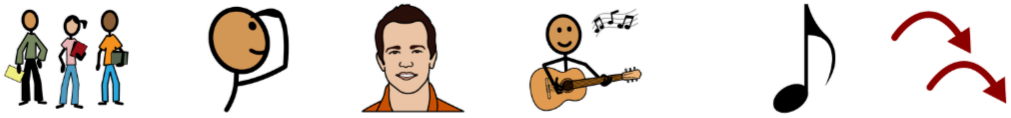


He starts to play.

How does the guitar make noise ?

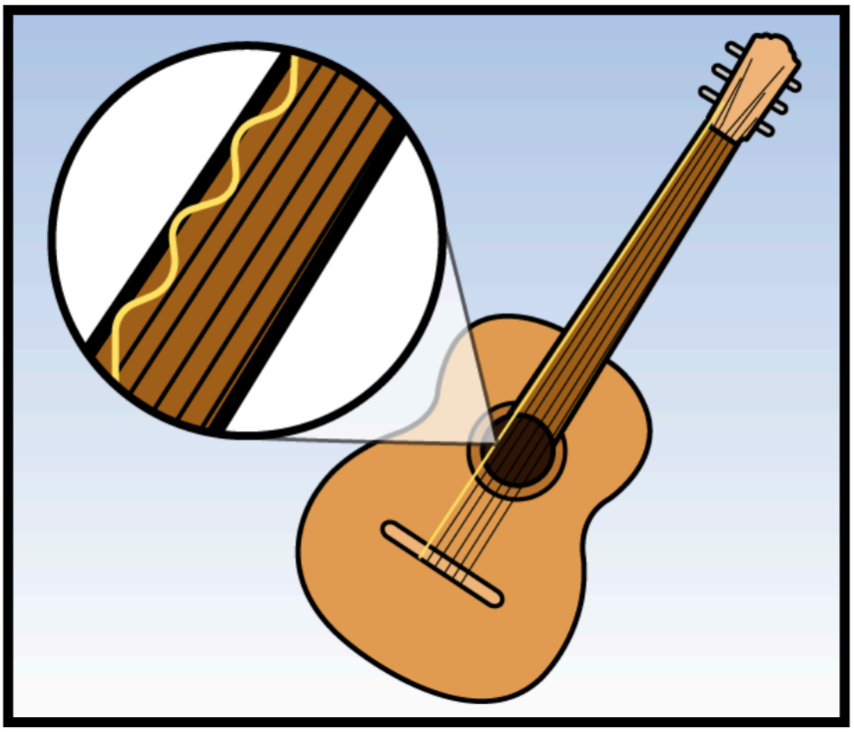


The students watch Rhett play the note again.



The guitar string moves.

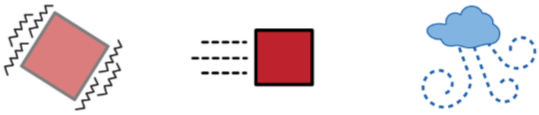
The students hear a sound.



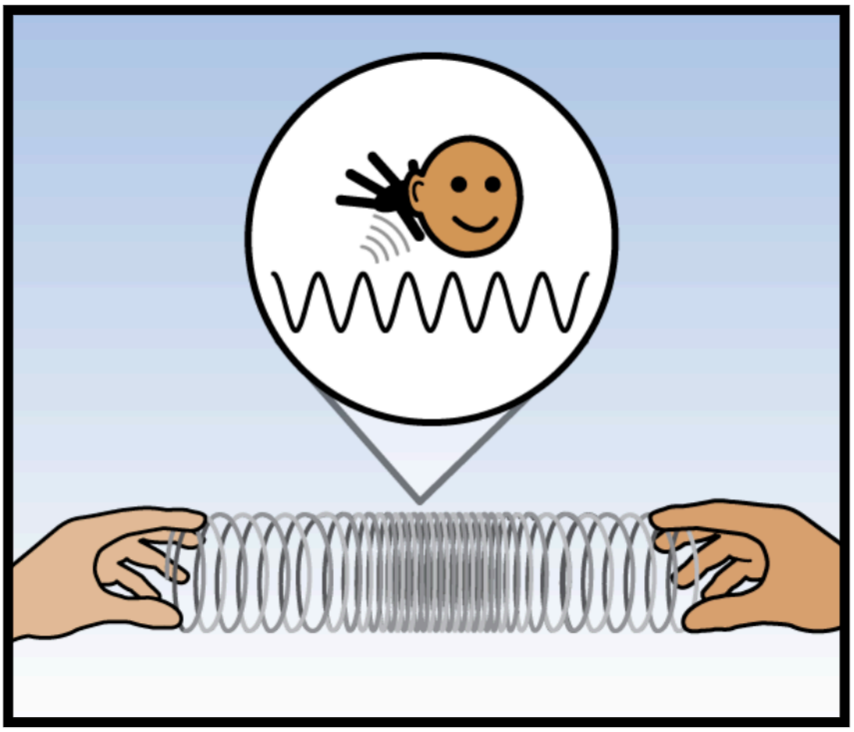
The guitar string vibrates.

A vibration is a fast movement.

The vibration moves the air.

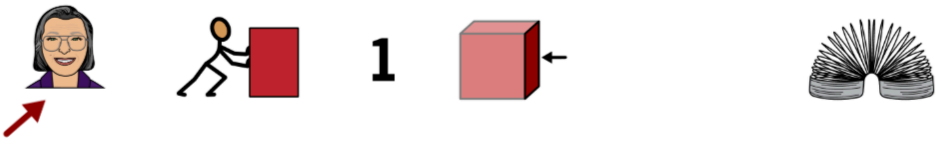


This vibration makes a sound wave.



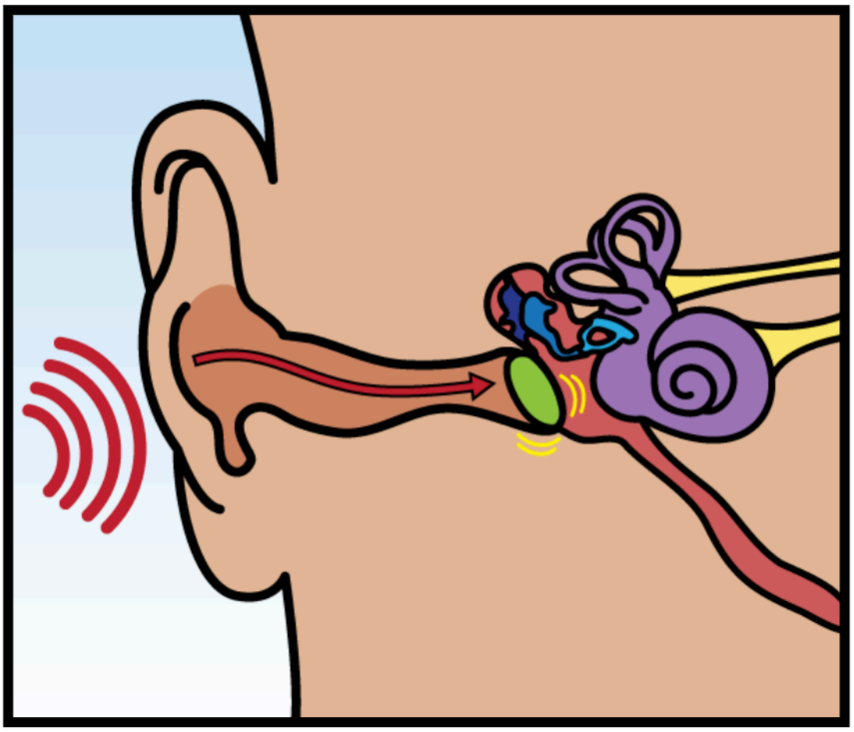
Mrs. Ito shows the students a spring toy.

She pushes one side of the spring toy.

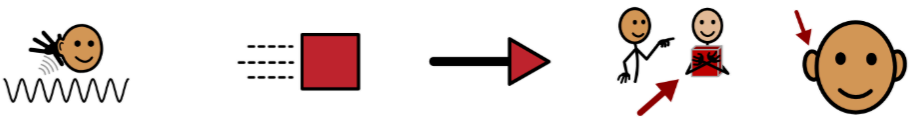


The spring toy moves together and apart.

This is how a sound wave moves.



The sound wave moves to your ear.

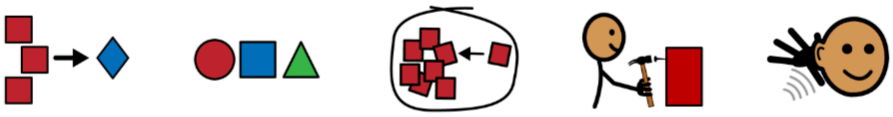


It makes the eardrum move.

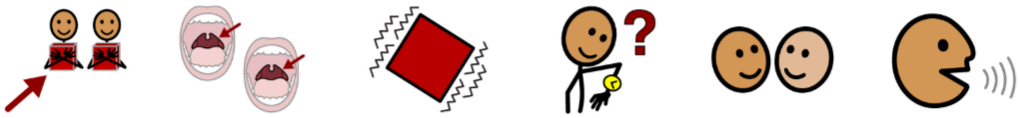
The eardrum sends a message to the brain.

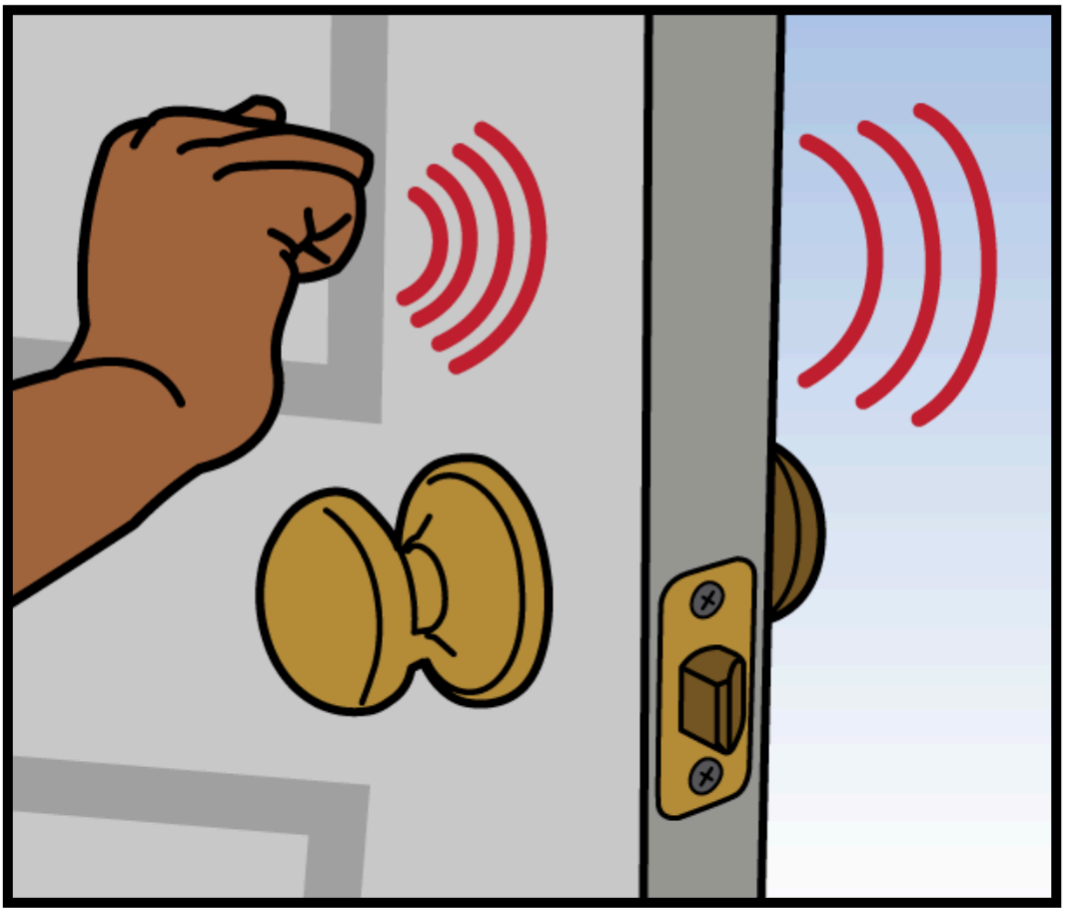
The brain tells us what sound we hear.

Other things also make sound.

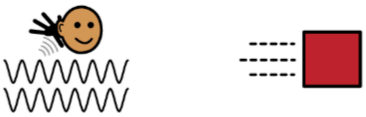


Our throats vibrate when we talk.



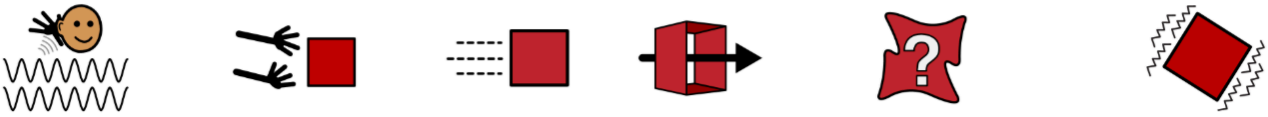


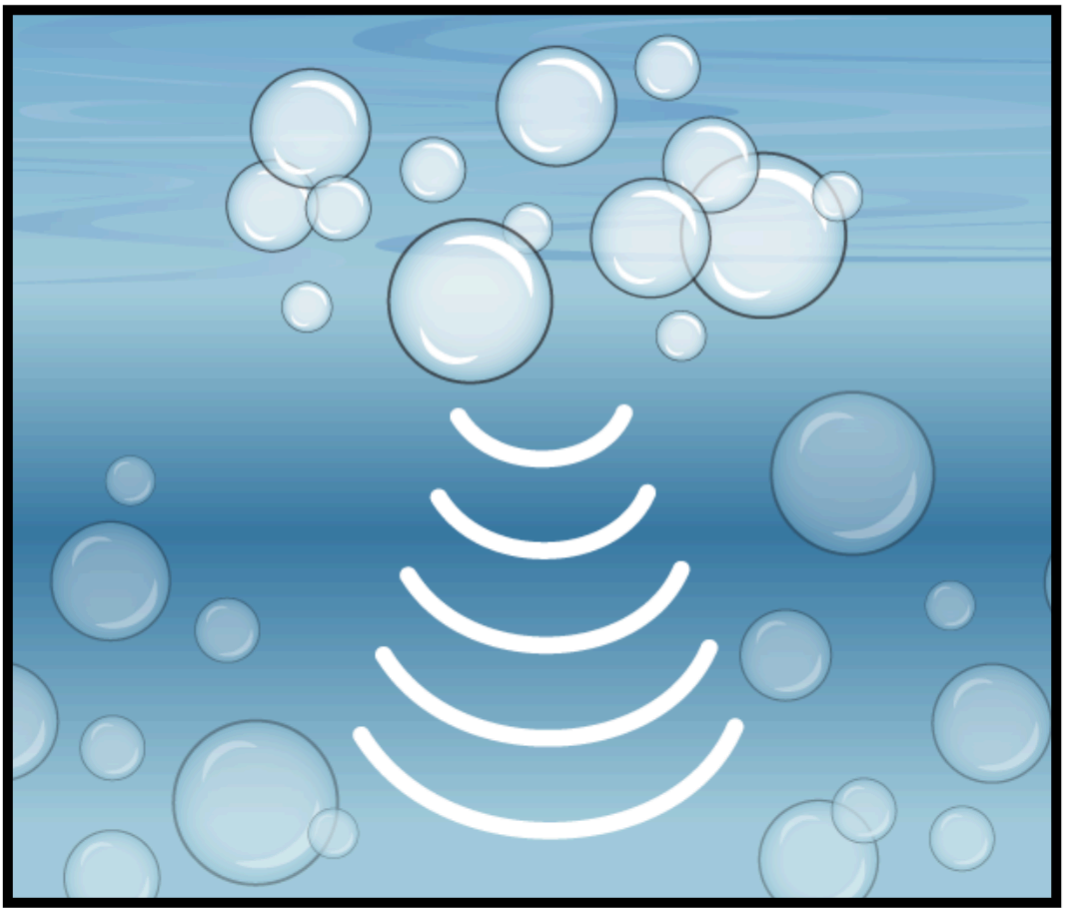
Sound waves move.



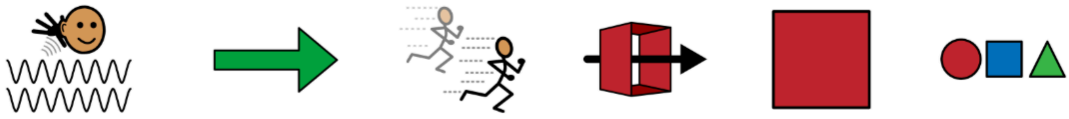
They can go through water, walls or air.

Sound waves need to move through something to vibrate.

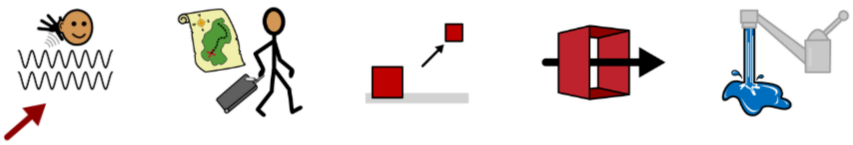




Sound waves go faster through solid things.

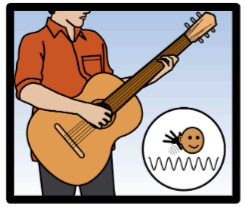


They travel far through water.



When you are far away sounds are hard to hear.

yes



The Sound Waves of Music

no

play	make	fast	student	Rhett	guitar	noise
watch	move	together	note	guitar string	sound	air
hear	vibrate	apart	sound wave	spring toy	ear	eardrum
push	send	far	message	brain	water	wall

Within each category, pictures are listed from left to right in the order in which they appear in the text.

Copyright © 2026 n2y, LLC. All rights reserved.
Unique Learning System®, 2022-2023